

Year 7 Geography

Water in the World – Natural Hazards Interactive Task

Weighting: 25%

Due Date: Week 7 - 30th August

Targeted Outcomes

- Locates and describes the diverse features and characteristics of a range of places and environments.
- Describes processes and influences that form and transform places and environments.
- Explains how interactions and connections between people, places and environments result in change.
- Discusses management of places and environments for their sustainability.
- Acquires and processes geographical information by selecting and using geographical tools for inquiry.
- Communicates geographical information using a variety of strategies.

Task

To develop an interactive activity that informs participants about an atmospheric or hydrologic hazard. (Interactive activities may include a kahoot, interactive website, game or some other medium that students can interact with to present your information.)

Task Details

Students are to develop an interactive activity that can be used in class.

It **MUST** contain the following information:

- Investigate ONE contemporary atmospheric or hydrologic disaster including its causes, impacts and responses. For example: a particular tsunami, flood, storm, cyclone, tornado, drought, bushfire or hailstorm.

It **SHOULD** contain **SOME** the following information:

- Explain the spatial distribution, causes and impacts of the disaster.
- Examine responses by individuals, groups and government to the impact of the disaster.
- Investigate the impact of climate change on the occurrence, frequency and extent of this type of natural hazard.
- Discuss the management strategies to reduce the future impact of similar hazard events.

Students will complete a short explanation (1-2 minutes) to the class explaining how the interactive activity works.

Locate information

Information can be found in the library. Browse the 363 and 551 shelves and use the [library catalogue](#) (search on **subject** 'disasters') to find information in other sections of the library.

You can use some of the websites listed below or [search the internet](#) for relevant websites. Use the search tips discussed last term. You could also [search for newspaper articles](#) using the eLibrary newspaper database.

Select and Analyse

Choose relevant information in the form of text, maps, pictures/photos, graphs, timelines etc. [Make notes](#) from the resources you choose. You should [use this task scaffold](#) to collect your information.

Organise and Synthesise

Combine information from various sources to produce an interesting and informative interactive activity. Organise your information in ways that effectively teach the participants about your chosen disaster. [Use your own words](#) when writing sentences and paragraphs.

Create and Present

Create an engaging activity could take the form of a website, game, kahoot, etc. You do not have to use technology to do this.

Natural Disasters Websites

<https://www.ag.gov.au/EmergencyManagement/>

<http://www.bom.gov.au/>

<http://www.ga.gov.au/hazards/>

<https://www.emschools.org.au/>

<http://www.ga.gov.au/scientific-topics/hazards>

Natural Disasters Videos

[Preparing for and Living with Natural Disasters](#)

[Floods - Queensland Floods 2011: A Case Study](#)

[Floods - Flood Management](#)

[Japan tsunami: caught on camera](#)

[Surviving Katrina](#)

[Flooding in Bangladesh](#)

[Japan tsunami: how it happened](#)

Marking Guidelines

A Range 17-20	<ul style="list-style-type: none">• Extensive investigation of ONE contemporary disaster including its causes, impacts and responses• Extensive use of SOME other information to support your investigation• Developed a highly interactive activity that informs participants• Completed a highly informative short explanation (1-2 minutes) to the class explaining how the interactive activity works.	
B Range 13-16	<ul style="list-style-type: none">• Substantial investigation of ONE contemporary disaster including its causes, impacts and responses• Substantial use of SOME other information to support your investigation• Developed an interactive activity that informs participants• Completed an informative short explanation (1-2 minutes) to the class explaining how the interactive activity works.	
C Range 11-15	<ul style="list-style-type: none">• Investigated ONE contemporary disaster including its causes, impacts and responses• Some use of other information to support your investigation• Activity informed participants• Completed a short explanation (1-2 minutes) to the class explaining how the activity works.	
D Range 6-10	<ul style="list-style-type: none">• Investigated aspects of contemporary disaster including its causes, impacts and responses• Little use of other information to support your investigation• Activity informed participants somewhat• Completed some explanation (1-2 minutes) to the class explaining how the activity works.	
E Range 1-5	Completed some aspects of the task	